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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5470-333

DATE: January 11, 2002

UTILITY PATENT APPLICATION TRANSMITTAL LETTER  
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231JC821 U.S. PTO  
10/044315  
01/11/02

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☒ a patent application  
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: \_\_\_\_\_; filed \_\_\_\_\_, the disclosure of which is hereby incorporated herein by reference in its entirety.  
☒ and claims the benefit of Provisional Application No. 60/261,654; filed January 13, 2001.

Inventor(s) or Application Identifier:

**Christine C. Dykstra**, 119 Plantation Road, Auburn, Alabama 36832  
**Daniel Givens**, 483 Chadwick Lane, Auburn, Alabama 36832  
**David Stringfellow**, 2027 Canary Road, Auburn, Alabama 36830  
**Kenny Brock**, 501 Cross Creek Road, Auburn Alabama 36832  
**David Boykin**, 1369 Springdale Road, NE, Atlanta, Georgia 30315  
**Arvid Kumar**, 3500 Buford Highway, Apartment H5, Atlanta, Georgia  
**W. David Wilson**, 1669 Dyson Drive, Atlanta, Georgia 30307  
**Richard R. Tidwell**, Route 3, 390 WR Clark Road, Pittsboro, North Carolina 27312  
**Chad E. Stephens**, 1217 Monticello Drive, Villa Rica, Georgia 30180

Entitled: **COMPOUNDS, METHODS AND COMPOSITIONS USEFUL FOR THE  
TREATMENT OF BOVINE VIRAL DIARRHEA VIRUS (BVDV) INFECTION AND  
HEPATITIS C VIRUS (HCV) INFECTION**

Correspondence Address:



20792

PATENT TRADEMARK OFFICE

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 64 pages of Specification (including 106 claims)
3. ☒ 1 sheets of Formal Drawings (35 USC 113)
4. ☐ Oath or Declaration
  - a. ☐ newly executed (*original or copy*)
  - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 6 Below]
  - c. ☐ DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

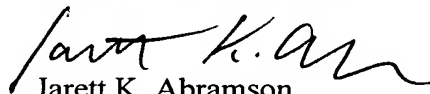
7. ☐ Microfiche Computer Program (*Appendix*)  
8. ☐ Assignment papers (*cover sheet(s) and document(s)*)  
9. ☒ Applicant claims small entity status. See 37 CFR 1.27.  
10. ☐ Information Disclosure Statement, PTO-1449, and \_\_\_\_\_ references cited  
11. ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)  
12. ☐ English Translation Document  
13. ☐ Certified Copy of \_\_\_\_\_ Application No. \_\_\_\_\_; Filed \_\_\_\_\_  
14. ☒ Sequence Listing/ Sequence Listing Diskette  
    a. ☒ computer readable copy  
    b. ☒ paper copy  
    c. ☒ statement in support  
15. ☐ An Associate Power of Attorney  
16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)  
17. ☒ Other: Application Filed Under 37 CFR 1.41(c)

The fee has been calculated as shown below:

|                                                                    | Column 1<br>No. Filed | Column 2<br>No. Extra | Small Entity<br>Rate      Fee | Large Entity<br>Rate      Fee |
|--------------------------------------------------------------------|-----------------------|-----------------------|-------------------------------|-------------------------------|
| BASIC FEE                                                          |                       |                       | \$370.00                      | \$ 740.00                     |
| TOTAL CLAIMS                                                       | 106 - 20 =            | 86                    | x 09 = \$774.00               | x 18 = \$                     |
| INDEP CLAIMS                                                       | 13 - 3 =              | 10                    | x 42 = \$420.00               | x 84 = \$                     |
| <input type="checkbox"/> MULTIPLE Dependent Claims Presented       |                       |                       | + 140 = \$                    | + 280 = \$                    |
| If the difference in Col. 1 is less than zero, Enter "0" in Col. 2 |                       |                       | Total \$1564.00               | Total \$                      |

- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.  
☐ A check in the amount of \$ \_\_\_\_\_ is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).  
☐ Please charge my Deposit Account No. 50-0220 in the amount of \$ \_\_\_\_\_.  
☐ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:  
    a. ☐ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.  
    b. ☐ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

  
Jarett K. Abramson  
Registration No. 47,376



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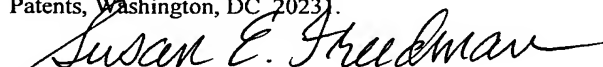
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#### CERTIFICATE OF EXPRESS MAILING

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Date of Deposit: January 11, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231.

  
Susan E. Freedman

Date of Signature: January 11, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Christine C. Dykstra**, 119 Plantation Road, Auburn, Alabama 36832  
**Daniel Givens**, 483 Chadwick Lane, Auburn, Alabama 36832  
**David Stringfellow**, 2027 Canary Road, Auburn, Alabama 36830  
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January 11, 2002

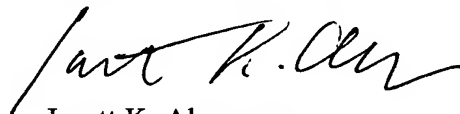
BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, DC 20231

APPLICATION FILED UNDER 37 CFR 1.41(c)

Sir:

The above-identified application is being filed on behalf of the above-named inventors under the provisions of 37 CFR 1.41(c). A Declaration and Power of Attorney from the inventors will follow, 37 CFR 1.63.

Respectfully submitted,



Jarett K. Abramson  
Registration No. 47,376

**Correspondence Address:**



20792

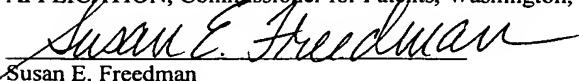
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Susan E. Freedman

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